IDKYCDT
Removing a Pack from a Multi-member Family

Dan Meyer
Session MCP 4024

UNIVERSITY *of* WASHINGTON

W

Background

Migrating MCP Backup and Archive Services Off of Tape

> **ARCHPROD family - currently**
> - **6.5TB → 26 packs on DEV system**
> - **7.4TB → 30 packs on PROD system**

> **BASE Packs – 128GB**
> **Requesting 3-5 packs at a time**

Migrating MCP Backup and Archive Services Off of Tape

New Packs

> **In March → moved to 256GB packs**
> **In April → moved to 512GB packs**

> **Scratch packs in specific sizes**
>   – **RC PK 92nn NAME=SCRATCHiiiGB9nnn**
>   > **SCRATCH6GB9107**
>   > **SCRATCH9GB9117**
>   > **SCRATCH27GB9127**
>   > **SCRATCH512GB9278**

Removing a Pack from a Multi-member Family

Mixed Pack Sizes

> **New files go to largest space available**
> **Old files get removed from smaller packs**
> **Smaller packs don't get reused**

> **SCRATCH512GB added to 100GB family**
  – **BASE Pack → 27GB**
  – **Continuation packs**
    > **3 @ 27GB**
    > **1 @ 512GB**

W

Removing a Pack from a Multi-member Family

Removing a Pack from a Multi-member Family

RES PK <nnnn> AS DELETED

"Valid for continuation packs but not for base packs in a family. The AS DELETED option causes all files to be moved from the specified continuation pack to the other packs in the same family. The reserve process marks the reserved disk as a SCRATCH disk, and deletes the entry for that family index from the list on the base pack. The next time you use an RC (Reconfigure Disk) command to add a continuation pack to the same family (with a base pack specification that omits a FAMILYINDEX number), the system assigns the family index of the deleted member to the reconfigured disk."

Removing a Pack from a Multi-member Family

> **MOVES areas allocated to another index in the family**

> **Need space for those areas?**
> - **Move some other large files to another pack?**
>   `FILES (=)= ON <pack> {SORT – SECTORS SHOW SECTORS}`
> - **COPY <file list> FROM <family>**
>   **TO <family>(PACK,FAMILYINDEX=<index>)**
> - **Add another new scratch pack**

W

Removing a Pack from a Multi-member Family